

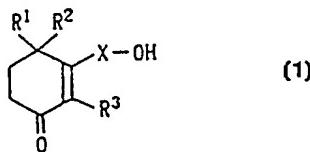
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(54) Title: USE OF A CYCLOHEXENONE LONG-CHAIN ALCOHOL FOR TREATING NEURODEGENERATIVE DISEASES



## (57) Abstract

A preventive and therapeutic drug for a neurodegenerative disease containing, as an active ingredient, a cyclohexenone long-chain alcohol compound represented by formula (1) wherein each of R<sup>1</sup>, R<sup>2</sup>, and R<sup>3</sup> represents a hydrogen atom or a methyl group; and X represents a C10-C28 alkylene group or alkenylene group. Since the compound of the present invention exhibits excellent neurite-extension ability and an inhibition effect on disorders caused by mutation in an SOD gene, it is useful as the active ingredient of a preventive and therapeutic drug for neurodegenerative diseases, *inter alia*, amyotrophic lateral sclerosis, and as the active ingredient of an inhibitory drug for disorders caused by mutation in an SOD gene.